Magic iRIID Virtual Mouse Touch Screen Keyboard Interface App User Manual

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Mydison Limited

Magic iRIID App – 3D computer video vision virtual interface App using Microsoft Kinect sensor camera to watch user, allow user to move hands to control their computer. Magic iRIID has 4 computer user input interface methods to allow you fully control your computer, the way you wanted, just like in Sci-Fi movies. The 1st method is Virtual Mouse Touch Screen interface, 2nd method is Virtual Keyboard Interface, 3rd method is Special Customize Virtual Interface for specific application and 4th method is Virtual Remote Controller Interface for electronics TV, DVD, Xbox One. Magic iRIID includes several Apps features: Magic iRIID App can use for business and personal video and music entertainment pleasure, and also provide Marketing App feature is designed for business owners, executives, and sci-fi movie fans. Business owners can use Magic iRIID for marketing Games & Apps to promote your business services and products. In addition, Magic iRIID support voice feedback, and Narrator screen reader, Easy of Access features enable unsighted users to operate computer.

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    All other apps such as World Wide Telescope (WWT), Media Center, IE.Browser, Firefox, Chrome Interface and input operations are similar as setup method mentioned above.

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Magic iRIID App User Manual

Product name: **Magic iRIID Virtual Mouse Touch Screen Keyboard Interface App**
Vendor name: **Mydison Limited**, URL: http://**www.Mydison.com**,
Download Magic iRIID Windows 64-bit URL: http://www.Mydison.com/Files/MGMTtv/setup.exe
Requirement: Please email to Support@Mydison.com request download link access and password.

Description:

Magic iRIID App Standard Features included:

- **Automatic user measurement**, and establishes **3D Virtual Work Zone Interface** in front of user
- Calibrate **Virtual Computer User Interface** is established approx. 25 cm distant range in front of user.
- The App support calibrates 4 types of virtual computer user interfaces.
- The App calibrates 1st type of virtual mouse interface for control computer mouse operations.
- The App calibrates 2nd type of virtual keyboard interface for enter computer keys operations.
- The App calibrates 3rd type of virtual special keyboard for **World Wide Telescope (WWT) program**.
- The App calibrates 3rd type of virtual special keyboard for **Media Player program** operations.
- The App calibrates 3rd type of virtual special keyboard for **PowerPoint program** operations.
- The App calibrates 3rd type of virtual special keyboard for **Meda Center program** operations.
- The App calibrates 3rd type of virtual special keyboard for **Skype for Desktop program** operations.
- The App calibrates 3rd type of virtual special keyboard for **Magic iRIID Games & Apps** operations.
- The App calibrates 4th type of virtual remote controller keyboard for control electronic **TV** operations.
- The App calibrates 4th type of virtual remote controller keyboard for control electronic **DVD** operations.
- The App calibrates 4th type of virtual remote controller keyboard for control electronic **Xbox One**.
- User move hands to touch the Virtual Keyboard Interface to **select & push to click virtual keys**.
- Magic iRIID display visual feedback and voice feedback respond, so user knows which keys selected.
- Magic iRIID has **Hand-Sign function** (You can **hand grab action to hold virtual key**)
- Once you hold the virtual key, you **can do hammer, rotate fishing gear, boxing actions enter key**.
- Use "LockUp" to lock gesture input and useful to prevent unintentional input example watching movie.
- Magic iRIID App automatically reading out which virtual key command that you have selected on.
- When you do Hand Grab& Hold action, Magic iRIID tell the interface name and command key name.
- Easy Of Access, voice feedback respond, enable Narrator, unsighted users can operate virtual interface.
- Magic iRIID App is designed use for entertainment applications. Fully control, the way you want!
- Magic iRIID is designed for business owners, executive officers, Sci-Fi movie fans.
- Suitable For Business and Personal Pleasure.
- Using Magic iRIID For Marketing, Promote Your Business, Boost Service & Products Presentation
- Magic iRIID Puzzle-Cell Mapping keys method can build any interface for your business App.
- Magic iRIID is patented technology.
- Magic iRIID virtual computer user interface can be designed and customized build with specific Apps.
- Contact Support@Mydison.com for detail to upgrade your business app service & product presentation.

Magic iRIID App Hardware & Software Requirements:

Xbox One Kinect sensor + The Kinect Adapter cable for Windows or Kinect for Windows v2 sensor.

Computer Laptop Requirements:

1. 64-bit (x64) processor
2. Dual-core 3.1-GHz (2 logical cores per physical) or faster processor
3. 4 GB RAM
4. Graphics card that supports DirectX 11
5. 1 x USB 3.0 controller
6. Display Native screen Resolution 1920 x 1080.
7. Web Camera
8. External Microphone

Software Requirements:

1. Windows 8.1, 64 bits, English version
4. Keyboard Layout Setting: US-English
5. Kinect SDK 2.0
6. .NET Framework 4.52+
7. Skype For Desktop v 7.5.0.102
8. Install Magic iRIID Games and Apps
9. For Voice Feedback, enable Microsoft Windows Text to Speech, (Windows 8.1)

To setup go to Control Panel, click Ease of Access, click Speech Recognition, ON the Left side mean click Text to Speech, the Speech Properties windows will pop up. Select Voice option: Microsoft Zira Desktop – English, click preview voice button, you should able to hear reading voice. You can set voice speed slow or fast. Click "Apply".

10. For Virtual TV, DVD, Xbox One interface. Magic iRIID only support virtual remote controller keys interface. No provide remote controller Infrared (IR) signal code. User must already have USB-UIRT cable, TV, DVD, Xbox one remote controllers and familiar with How to use 3rd party software like EventGhost to record their remote controller (IR) signals to event trigger actions.

Setup Magic iRIID Virtual Computer Interface Station

1

2

3

4

5

Step 3:
Install Kinect Sensor for Windows
When connect Kinect sensor,
Windows will auto detect new device ,
Follow the installation steps
6

7

8

Modern laptop Install Windows 8.1 64 bit (English)
Plug in Kinect One sensor to laptop and Install Kinect sensor driver
Connect laptop to TV screen (**Set TV screen as Primary Display, laptop as 2nd display**)
Download and Install Microsoft Kinect SDK 2.0
Download and Install Magic iRIID Windows 64-bit URL: http://mydison.com/Files/MKT/setup.exe
*Please email to Support@Mydison.com to obtain free trail installation password.

You are ready! Magic iRIID create 3D computer video vision interface in front of you.
Magic iRIID can vision reading up to 6 people. Support 1 adult user input command at a time.
Reading distant: 1m ~ 4.5 m.

Magic iRIID total tracking, user allow to move, walk, sit, and stand within sensor camera view.

Plus real-time visual screen windows and voice feedback features.

How to operate Magic iRIID

Magic iRIID has 2 ways to Select and Click Virtual Keys

1st Hand Movements to Select and Click input method:

Move Hands Up, Down, Left, Right Select and Push to Click Virtual Key
When move hands, Magic iRIID will visual display highlight keys; therefore, user know which virtual keys are selected.

2nd Hand Sign to Select and Click input method:

Magic iRIID has Hand-Sign input function (You can hand grab action to hold virtual key)

Once you hold the virtual key, you can swing the hand in directions to enter same key.

1. Open hand to select any virtual key
2. Do Hand Grab& Hold action
3. Once Hand Hold any virtual key,
   User can do hand actions such as **boxing, punching, hammer, play tennis, rotating fishing gear** …etc. Hand-Sign actions to input click the same key.

This Magic iRIID Hand-Sign Input function is useful for repeating click on the same key, such as for Mouse Control key UP, Down, Left, Right functions.

Magic iRIID has 2 voice feedback respond features

Magic iRIID reading out key command, so user can still know what key without need to watching display monitor.
1st Direct voice feedback:
When Move Hands Up, Down, Left, Right on virtual key, Magic iRIID will reading virtual key name.

2nd Hand Sign voice feedback:
User can do hand Grab&Hold action to hold any virtual key, Magic iRIID will tell which screen interface and command key that user hands hold it.

Easy Of Access:

Magic iRIID is Easy of Access enabled. User can click “Narrator” key to enable “Narrator” screen reader program. Magic iRIID enable unsighted users to operate virtual computer interface. Unsighted users can move hands to listen voice feedback which command selected on, and plus the Windows Narrator screen reader to voice reading out the screen information; as result, unsighted users could operate computer with hands actions.

Troubleshooting Tips

If Magic iRIID visual feedback not respond hand moving selection well,

A. User can switch hand to select (Left & Right both virtual keyboard)
B. Put down hands to disengagement and raise hands to engage again.
C. Move stand position or walk little bit to change stand position.
D. Walk out of Kinect Camera view and come back to reinitiate engagement.
E. If close Magic iRIID and re-open again, program will reset all original setting.
F. Clean wipe Kinect sensor camera and Stand directly in front of Kinect sensor.
G. In "Setting" Windows has customize keys "Key-S" (small), "Key-L" (large) to change virtual keyboard size and "Speed-S" (Slow), "Speed-N" (Normal), "Speed-F" (Fast) to change vision reading speed.
H. The default video vision configuration is "KeySize-L" and "Speed-N".

To Improve High Input Reading Accuracy and Usage Safety:

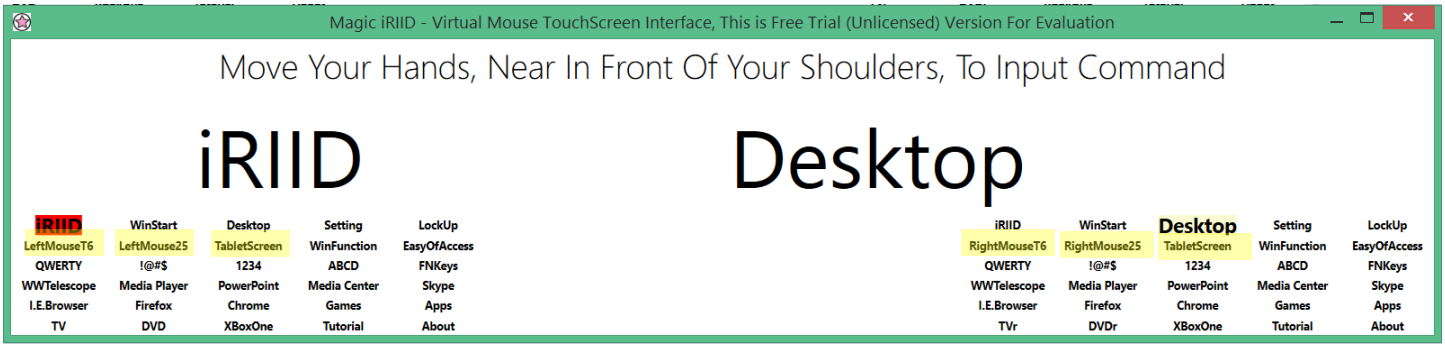
External factors could affect reading accuracy, here are some tips:

- Try arranging Kinect sensor in different location and User stand position to find the best location.
- Clean wipe Kinect sensor camera and Stand directly in front of Kinect sensor.
- Setting your room light source and direction …etc.
- Your dress and clothe, colour, outfit shape could affect reading too.
- Stand position direct in front and parallel with Kinect camera view is the best.
- It is not how hard you can hit the keys, but how calm and steady your hand movements.
- Practice Makes Perfect!
- Use Hand Grab and Hold action input method to improve higher input reading accuracy.
- Only use Magic iRIID control Games and Entertainment Applications.
- Make sure free space zone, No objects or people around you while operate Magic iRIID Interface.
- No hand hold any shape object, or hot drink while operate Magic iRIID Interface.

Magic iRIID has 4 types of virtual computer user interface methods:

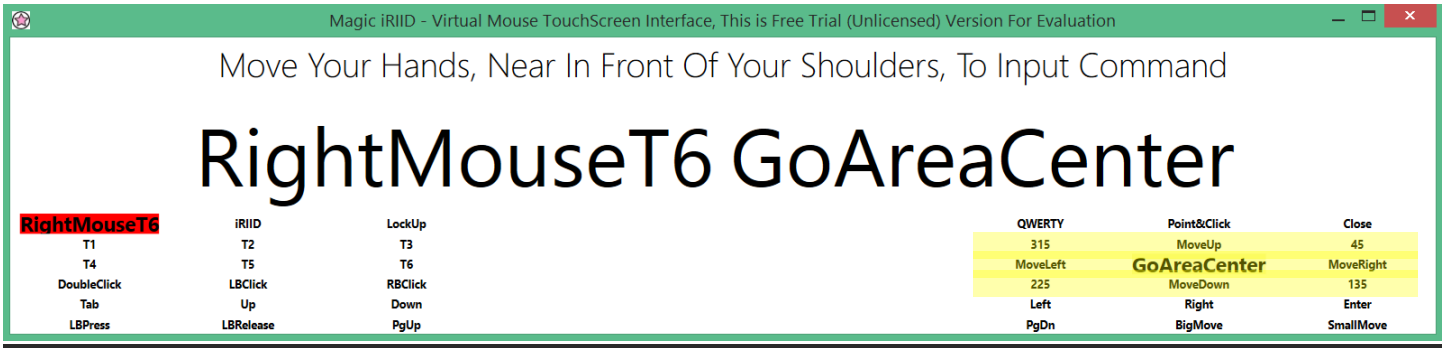
1st method is Virtual Mouse Touch Screen interface,
2nd method is Virtual Keyboard Interface,
3rd method is Special Customize Virtual Interface for specific application
4th method is Virtual Remote controller Interface for electronics TV, DVD, Xbox One.

The 1st interface method: Virtual Mouse Touch Screen interface Screenshots

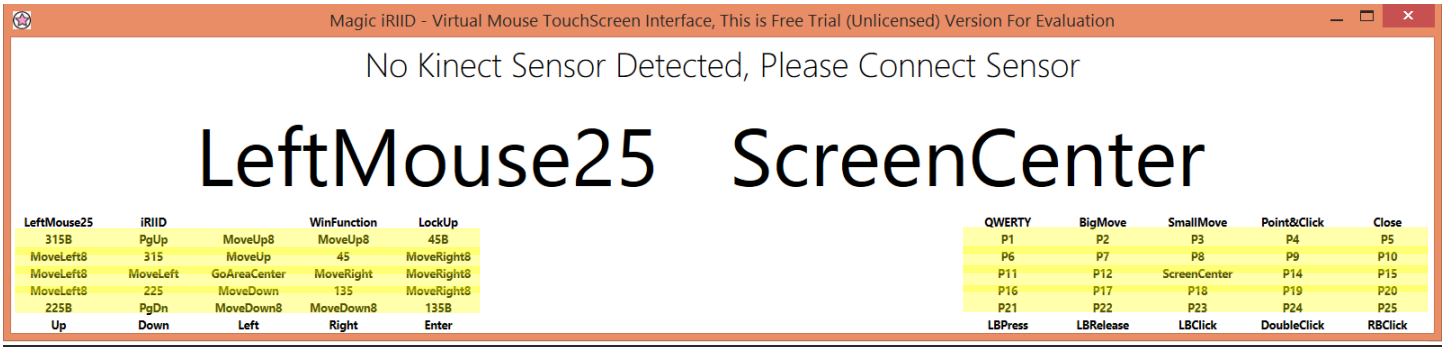

Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
Move Your Hands, Near In Front Of Your Shoulders, To Input Command
iRIID
Desktop
iRIID WinStart Desktop Setting LockUp
LeftMouseT6 LeftMouse25 TabletScreen WinFunction EasyOfAccess
QWERTY !@#$ 1234 ABCD FNKeys
WWTelescope Media Player PowerPoint Media Center Skype
I.E.Browser Firefox Chrome Games Apps
TV DVD XBoxOne Tutorial About
iRIID WinStart Desktop Setting LockUp
RightMouseT6 RightMouse25 TabletScreen WinFunction EasyOfAccess
QWERTY !@#$ 1234 ABCD FNKeys
WWTelescope Media Player PowerPoint Media Center Skype
I.E.Browser Firefox Chrome Games Apps
TVr DVDr XBoxOne Tutorial About

This is "iRIID" main interface window (Home) of all virtual interfaces

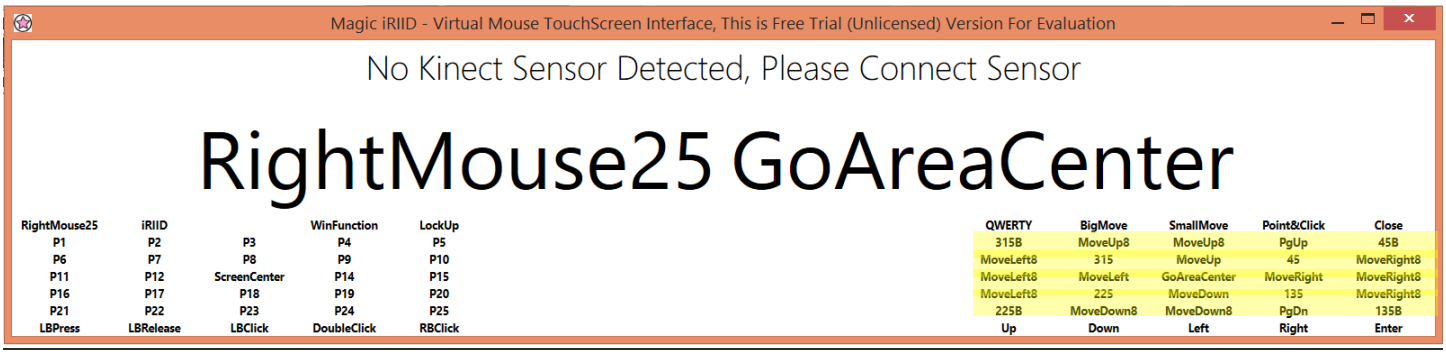
The is "LeftMouseT6" interface window, Left Side Mouse Control , Click "BigMove" for large mouse move


Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
Move Your Hands, Near In Front Of Your Shoulders, To Input Command
RightMouseT6 GoAreaCenter
RightMouseT6 iRIID LockUp
T1 T2 T3
T4 T5 T6
DoubleClick LBClick RBClick
Tab Up Down
LBPress LBRelease PgUp
QWERTY Point&Click Close
315 MoveUp 45
MoveLeft GoAreaCenter MoveRight
225 MoveDown 135
Left Right Enter
PgDn BigMove SmallMove

The is "RightMouseT6" interface window, Right Side Mouse Control, "SmallMove" for small mouse move


Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
LeftMouse25 ScreenCenter
LeftMouse25 iRIID WinFunction LockUp
315B PgUp MoveUp8 MoveUp8 45B
MoveLeft8 315 MoveUp 45 MoveRight8
MoveLeft8 MoveLeft GoAreaCenter MoveRight MoveRight8
MoveLeft8 225 MoveDown 135 MoveRight8
225B PgDn MoveDown8 MoveDown8 135B
Up Down Left Right Enter
QWERTY BigMove SmallMove Point&Click Close
P1 P2 P3 P4 P5
P6 P7 P8 P9 P10
P11 P12 ScreenCenter P14 P15
P16 P17 P18 P19 P20
P21 P22 P23 P24 P25
LBPress LBRelease LBClick DoubleClick RBClick

The is “LeftMouse25” interface window, Left Side Mouse Control plus 25 Areas, “MoveUp8” 3x Large move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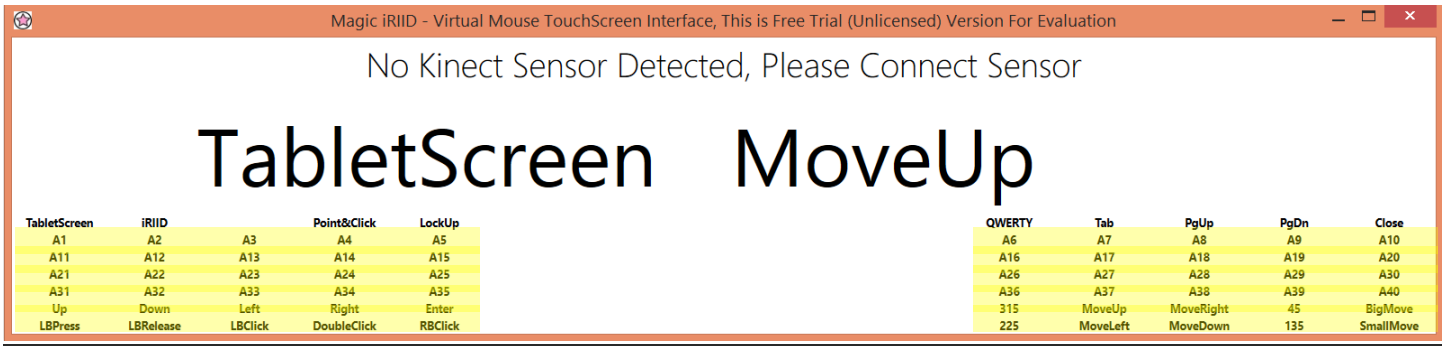
RightMouse25 GoAreaCenter
RightMouse25 iRIID WinFunction LockUp
P1 P2 P3 P4 P5
P6 P7 P8 P9 P10
P11 P12 ScreenCenter P14 P15
P16 P17 P18 P19 P20
P21 P22 P23 P24 P25
LBPress LBRelease LBClick DoubleClick RBClick
QWERTY BigMove SmallMove Point&Click Close
315B MoveUp8 MoveUp8 PgUp 45B
MoveLeft8 315 MoveUp 45 MoveRight8
MoveLeft8 MoveLeft GoAreaCenter MoveRight MoveRight8
MoveLeft8 225 MoveDown 135 MoveRight8
225B MoveDown8 MoveDown8 PgDn 135B
Up Down Left Right Enter

The is “RightMouse25” interface window, Right Side Mouse Control plus 25 Areas, “45B” 3x 45 Large move


Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
TabletScreen MoveUp
TabletScreen iRIID Point&Click LockUp
A1 A2 A3 A4 A5
A11 A12 A13 A14 A15
A21 A22 A23 A24 A25
A31 A32 A33 A34 A35
Up Down Left Right Enter
LBPress LBRelease LBClick DoubleClick RBClick
QWERTY Tab PgUp PgDn Close
A6 A7 A8 A9 A10
A16 A17 A18 A19 A20
A26 A27 A28 A29 A30
A36 A37 A38 A39 A40
315 MoveUp MoveRight 45 BigMove
225 MoveLeft MoveDown 135 SmallMove

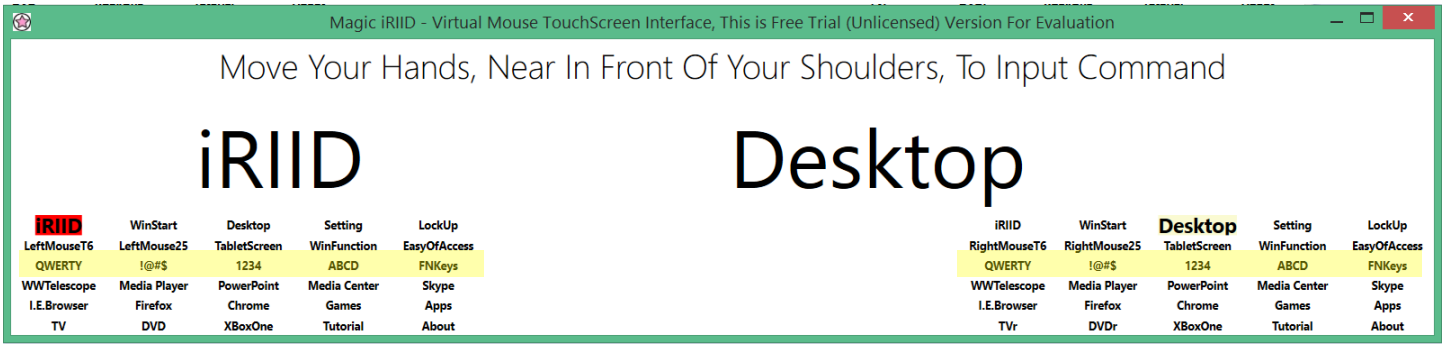
The is “TabletScreen” interface window, 40 Touch Areas plus Mouse Control,
When Click “Point&Click” , 40 areas become Touch Screen click on each areas center position.
Click “LBPress” for Mouse Left button press, and Click “LBRelease” to release Left button press.

Example, How to Drag & Drop Window,
Move mouse on windows title, and do “LBPress”, then click move key or any touch key, will move the Window to new location, and then click “LBRelease” key to release drop the Window.

Click “RBCick”, and use “Up”, “Down”, “Enter” keys to select list items.

Click “LockUp” to prevent unintentional gesture input

2nd interface method: Virtual Keyboard Interface Screenshots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QWERTY !@#$ ABCD FNKeys
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WWTelescope Media Player PowerPoint Media Center Skype
I.E.Browser Firefox Chrome Games Apps
TVr DVDr XBoxOne Tutorial About

This is "iRIID" main interface window (Home) of all virtual interfaces

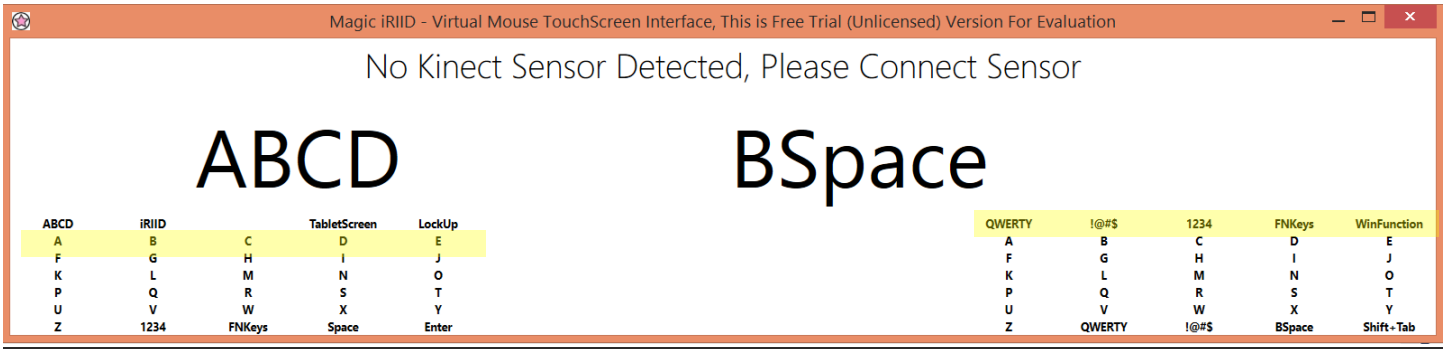
Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
QWERTY
Enter
QWERTY iRIID TabletScreen LockUp
ESC Tab CapsLk WinKey Copy
1 2 3 4 5
Q W E R T
A S D F G
Z X C V B
Tab Shift+Tab @ : Space
!@#$ 1234 ABCD FNKeys WinFunction
Paste PgUp PgDn Del BSpace
6 7 8 9 0
Y U I O P
H J K L Enter
N M , . ?
Up Down Left Right BSpace

The is "QWERTY" keyboard interface window, Top line of interface is for windows interfaces navigation

Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
!@#$
?
!@#$ iRIID TabletScreen LockUp
` ~ ! @ #
( ) - _ =
| ; : ' ,
Tab Shift+Tab CapsLK WinKey Alt
QWERTY 1234 ABCD FNkeys TabletScreen
QWERTY 1234 ABCD FNKeys WinFunction
$ % ^ & *
+ [ ] { }
< > . / ?
Space Enter BSpace PgUp PgDn
Up Down Left Right Enter

The is "!@#$" Symbols keyboard interface window, Top line of interface is for windows interfaces navigation

The is “1234” Numbers keyboard interface window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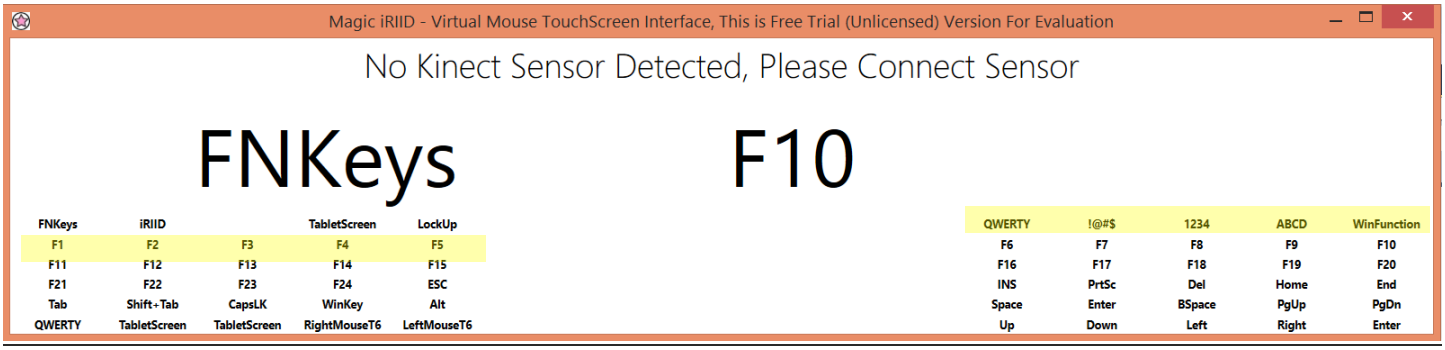
No Kinect Sensor Detected, Please Connect Sensor
ABCD
BSpace
ABCD iRIID TabletScreen LockUp
A B C D E
F G H I J
K L M N O
P Q R S T
U V W X Y
Z 1234 FNKeys Space Enter
QWERTY !@#$ 1234 FNKeys WinFunction
A B C D E
F G H I J
K L M N O
P Q R S T
U V W X Y
Z QWERTY !@#$ BSpace Shift+Tab

The is “ABCD” A-Z keyboard interface window, Top line of interface is for windows interfaces navigation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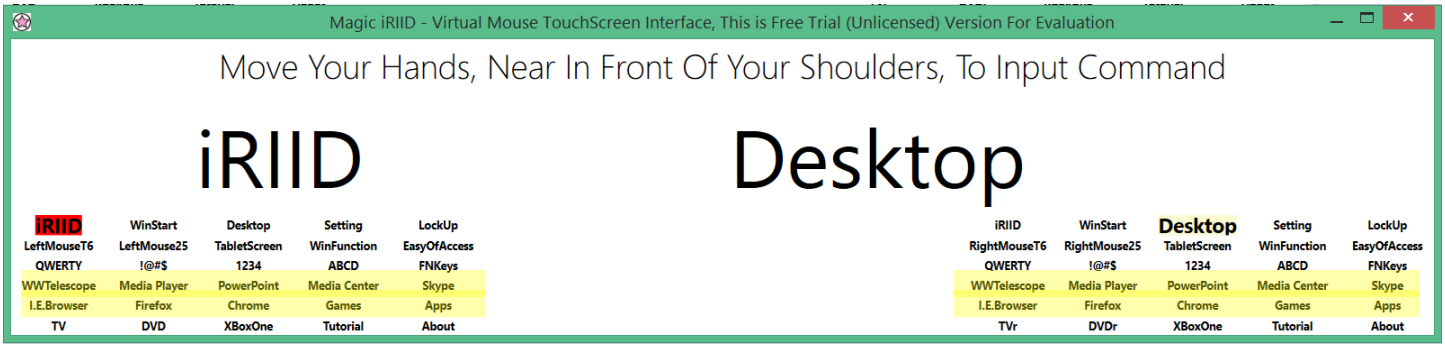
No Kinect Sensor Detected, Please Connect Sensor
FNKeys
F10
FNKeys iRIID TabletScreen LockUp
F1 F2 F3 F4 F5
F11 F12 F13 F14 F15
F21 F22 F23 F24 ESC
Tab Shift+Tab CapsLK WinKey Alt
QWERTY TabletScreen TabletScreen RightMouseT6 LeftMouseT6
QWERTY !@#$ 1234 ABCD WinFunction
F6 F7 F8 F9 F10
F16 F17 F18 F19 F20
INS PrtSc Del Home End
Space Enter BSpace PgUp PgDn
Up Down Left Right Enter

The is “FNKeys” F1-F20 keyboard interface window, Top line of interface is for windows interfaces navigation

3rd interface method: Special Customize Virtual Interface for specific application Screenshots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I.E.Browser Firefox Chrome Games Apps
TVr DVDr XBoxOne Tutorial About

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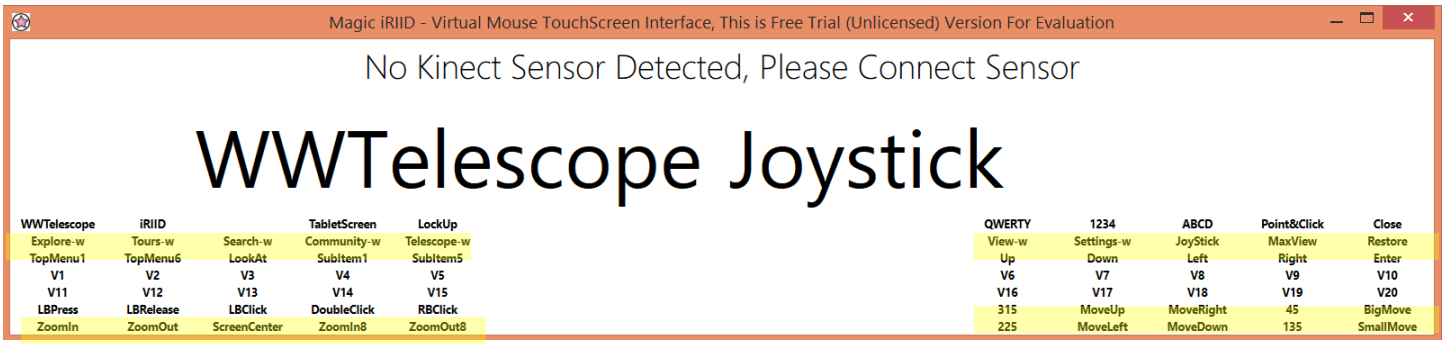
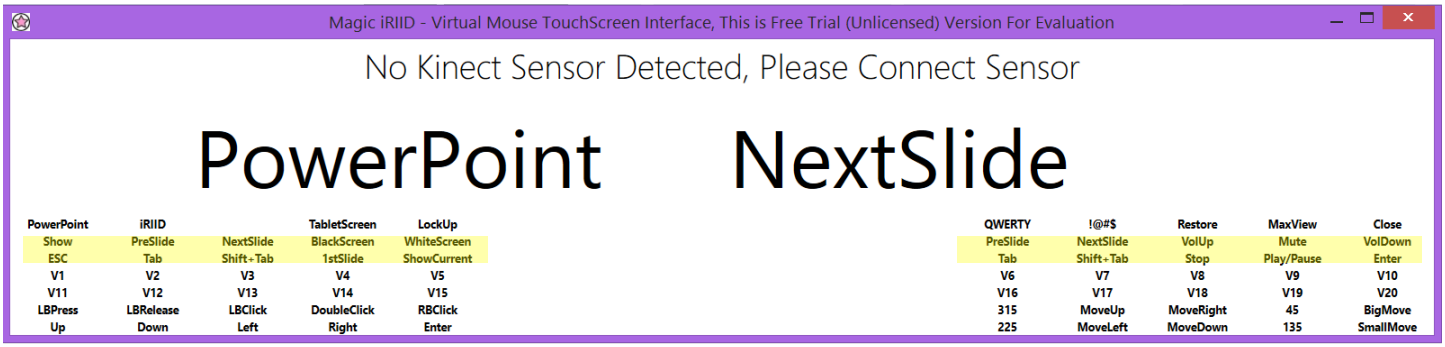

Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
WWTelescope Joystick
WWTelescope iRIID TabletScreen LockUp
Explore-w Tours-w Search-w Community-w Telescope-w
TopMenu1 TopMenu6 LookAt SubItem1 SubItem5
V1 V2 V3 V4 V5
V11 V12 V13 V14 V15
LBPress LBRelease LBClick DoubleClick RBClick
ZoomIn ZoomOut ScreenCenter ZoomIn8 ZoomOut8
QWERTY 1234 ABCD Point&Click Close
View-w Settings-w JoyStick MaxView Restore
Up Down Left Right Enter
V6 V7 V8 V9 V10
V16 V17 V18 V19 V20
315 MoveUp MoveRight 45 BigMove
225 MoveLeft MoveDown 135 SmallMove

The is "WWTelescope" special customize keyboard interface window,
Combine program's keys plus mouse and touch screen keys in 1 single virtual interface.

Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
Media Player Play/Pause
Media Player iRIID TabletScreen LockUp
PlayList Tab GoToLibrary Suffle Repeat
Search ReSearch FullMode SkinMode PlayMode
SelectWindow ItemsWindow V3 V4 V5
Seek1 Seek2 Seek3 Seek4 Seek5
LBPress LBRelease LBClick DoubleClick RBClick
Up Down Left Right Enter
QWERTY !@#$ 1234 ABCD Close
Rewind FForward VolUp Mute VolDown
Stop Previous Play/Pause Next MaxView
V6 V7 V8 V9 V10
Seek6 Seek7 Seek8 Seek9 Seek10
315 MoveUp MoveRight 45 BigMove
225 MoveLeft MoveDown 135 SmallMove

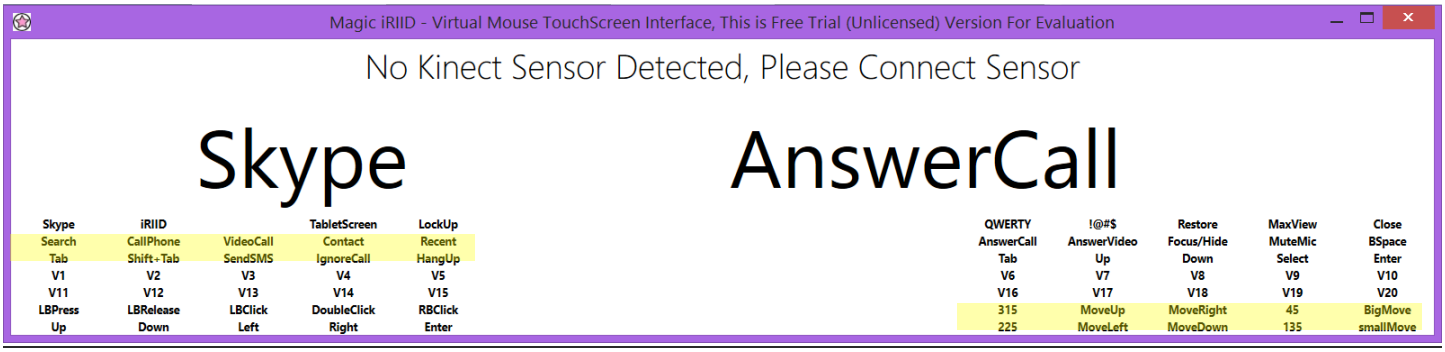
The is "Media Player" special customize keyboard interface window,
Combine program's keys plus mouse and touch screen keys in 1 single virtual interface.


Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
PowerPoint
NextSlide
PowerPoint iRIID TabletScreen LockUp
Show PreSlide NextSlide BlackScreen WhiteScreen
ESC Tab Shift+Tab 1stSlide ShowCurrent
V1 V2 V3 V4 V5
V11 V12 V13 V14 V15
LBPress LBRelease LBClick DoubleClick RBClick
Up Down Left Right Enter
QWERTY !@#$ Restore MaxView Close
PreSlide NextSlide VolUp Mute VolDown
Tab Shift+Tab Stop Play/Pause Enter
V6 V7 V8 V9 V10
V16 V17 V18 V19 V20
315 MoveUp MoveRight 45 BigMove
225 MoveLeft MoveDown 135 SmallMove

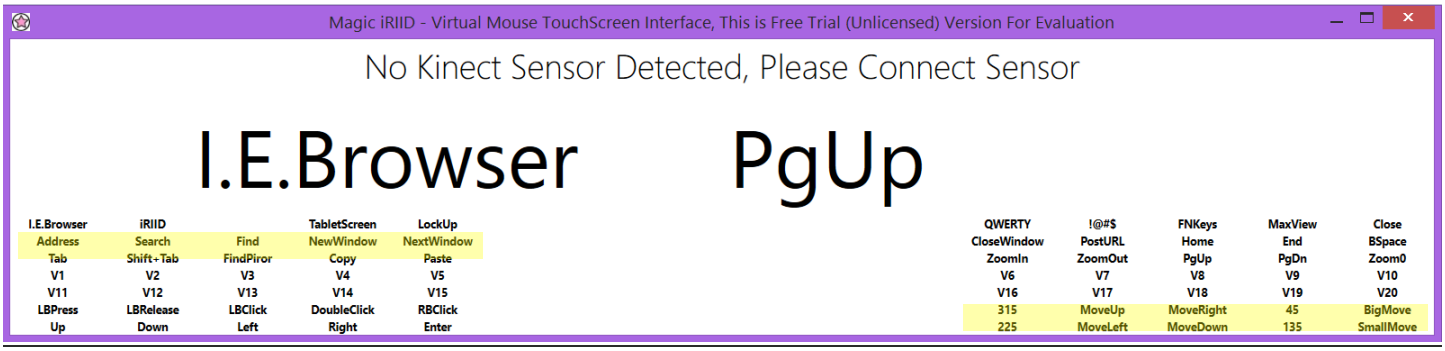
The is “PowerPoint” special customize keyboard interface window,
Combine program’s keys plus mouse and touch screen keys in 1 single virtual interface.

Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
Media Center
Play
Media Center iRIID TabletScreen LockUp
StartMenu LiveTV MoviesDVD Music Videos
Tab RecTV Channel Up Channel Down BSpace
Up Down Left Right Enter
QWERTY !@#$ Restore MaxView Close
Rewind FForward VolUp Mute VolDown
Stop Replay Play Pause Next
Up Down Left Right Enter

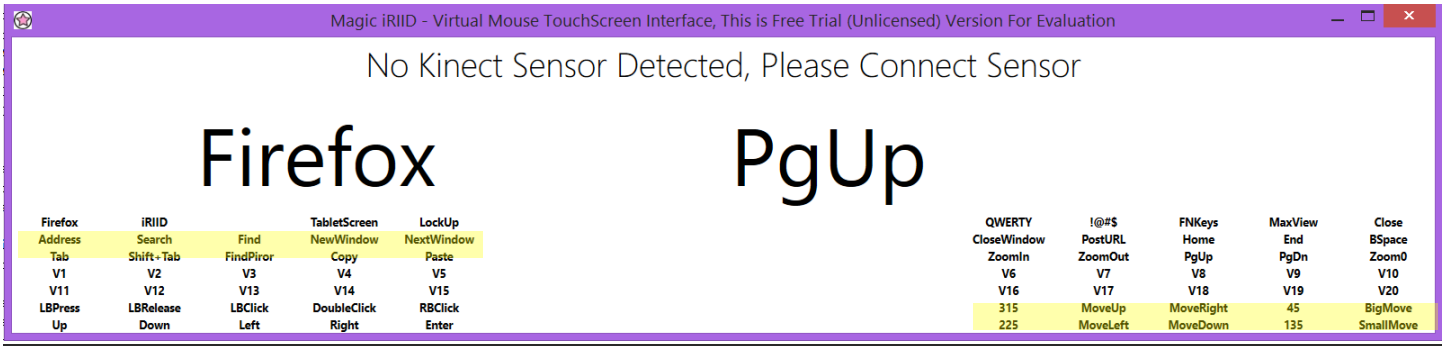
The is “Media Center” special customize keyboard interface window.


Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
Skype
AnswerCall
Skype iRIID TabletScreen LockUp
Search CallPhone VideoCall Contact Recent
Tab Shift+Tab SendSMS IgnoreCall HangUp
V1 V2 V3 V4 V5
V11 V12 V13 V14 V15
LBPress LBRelease LBClick DoubleClick RBClick
Up Down Left Right Enter
QWERTY !@#$ Restore MaxView Close
AnswerCall AnswerVideo Focus/Hide MuteMic BSpace
Tab Up Down Select Enter
V6 V7 V8 V9 V10
V16 V17 V18 V19 V20
315 MoveUp MoveRight 45 BigMove
225 MoveLeft MoveDown 135 smallMove

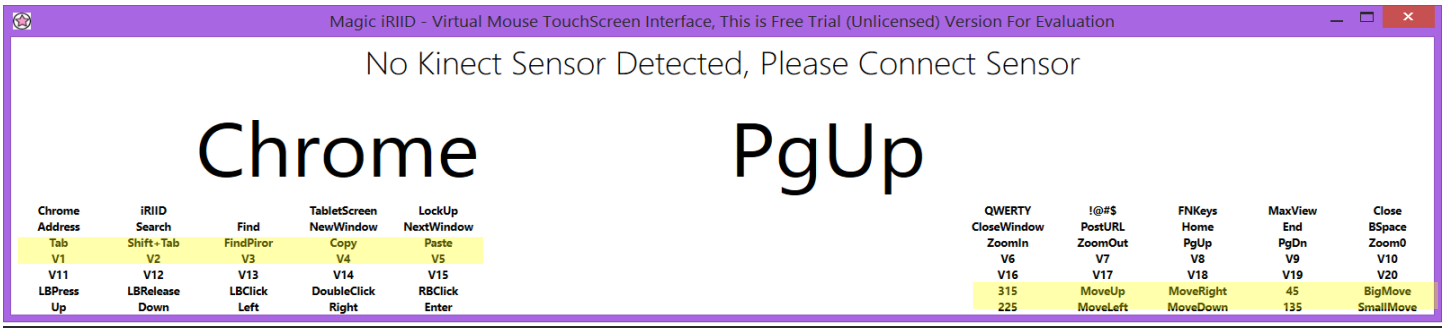
The is “Skype” special customize keyboard interface window,
Combine program’s keys plus mouse and touch screen keys in 1 single virtual interface.


Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
I.E.Browser
PgUp
I.E.Browser iRIID TabletScreen LockUp
Address Search Find NewWindow NextWindow
Tab Shift+Tab FindPiror Copy Paste
V1 V2 V3 V4 V5
V11 V12 V13 V14 V15
LBPress LBRelease LBClick DoubleClick RBClick
Up Down Left Right Enter
QWERTY !@#$ FNKeys MaxView Close
CloseWindow PostURL Home End BSpace
ZoomIn ZoomOut PgUp PgDn Zoom0
V6 V7 V8 V9 V10
V16 V17 V18 V19 V20
315 MoveUp MoveRight 45 BigMove
225 MoveLeft MoveDown 135 SmallMove

The is “I.E.Browser” special customize keyboard interface window,
Combine program’s keys plus mouse and touch screen keys in 1 single virtual interface.


Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
Firefox
PgUp
Firefox iRIID TabletScreen LockUp
Address Search Find NewWindow NextWindow
Tab Shift+Tab FindPiror Copy Paste
V1 V2 V3 V4 V5
V11 V12 V13 V14 V15
LBPress LBRelease LBClick DoubleClick RBClick
Up Down Left Right Enter
QWERTY !@#$ FNKeys MaxView Close
CloseWindow PostURL Home End BSpace
ZoomIn ZoomOut PgUp PgDn Zoom0
V6 V7 V8 V9 V10
V16 V17 V18 V19 V20
315 MoveUp MoveRight 45 BigMove
225 MoveLeft MoveDown 135 SmallMove

The is “Firefox” special customize keyboard interface window,
Combine program’s keys plus mouse and touch screen keys in 1 single virtual interface.

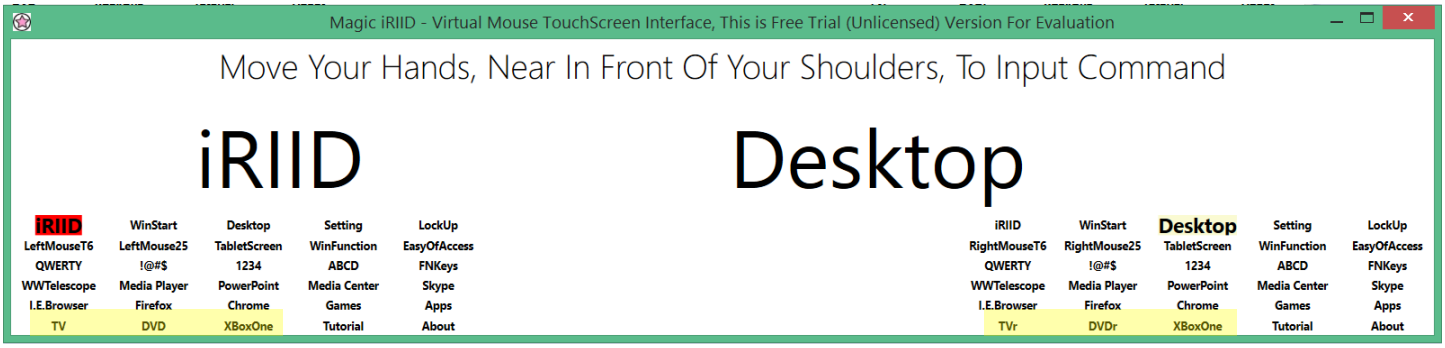

Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
Chrome
PgUp
Chrome iRIID TabletScreen LockUp
Address Search Find NewWindow NextWindow
Tab Shift+Tab FindPiror Copy Paste
V1 V2 V3 V4 V5
V11 V12 V13 V14 V15
LBPress LBRelease LBClick DoubleClick RBClick
Up Down Left Right Enter
QWERTY !@#$ FNKeys MaxView Close
CloseWindow PostURL Home End BSpace
ZoomIn ZoomOut PgUp PgDn Zoom0
V6 V7 V8 V9 V10
V16 V17 V18 V19 V20
315 MoveUp MoveRight 45 BigMove
225 MoveLeft MoveDown 135 SmallMove

The is “Chrome” special customize keyboard interface window,
Combine program’s keys plus mouse and touch screen keys in 1 single virtual interface.

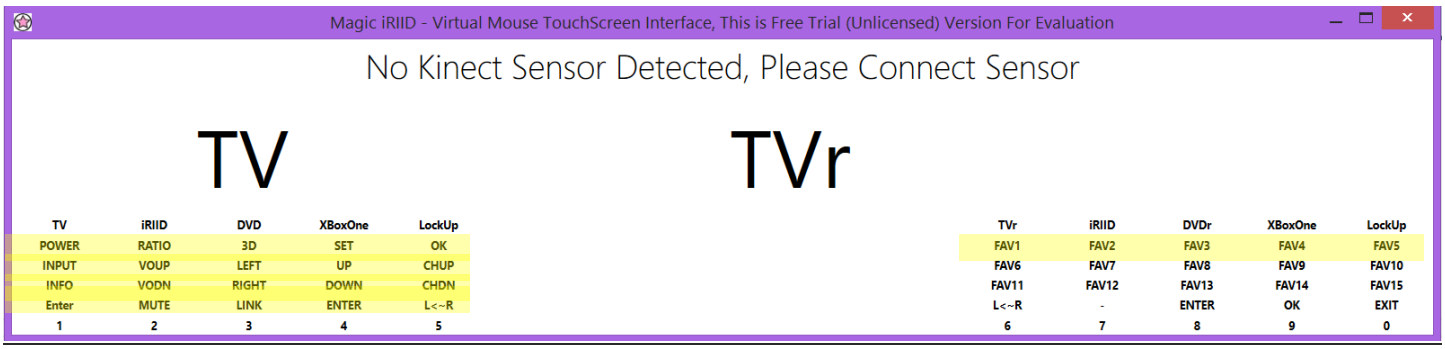
Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
Games
GoldCoin
Games iRIID TabletScreen LockUp
GoldCoin SlotMachine AirKeyboard SpaceSweep SlidePuzzle
QWERTY !@#$ FNKeys MaxView Close
GoldCoin SlotMachine AirKeyboard SpaceSweep SlidePuzzle

Marketing Game Samples special customize keyboard interface window.

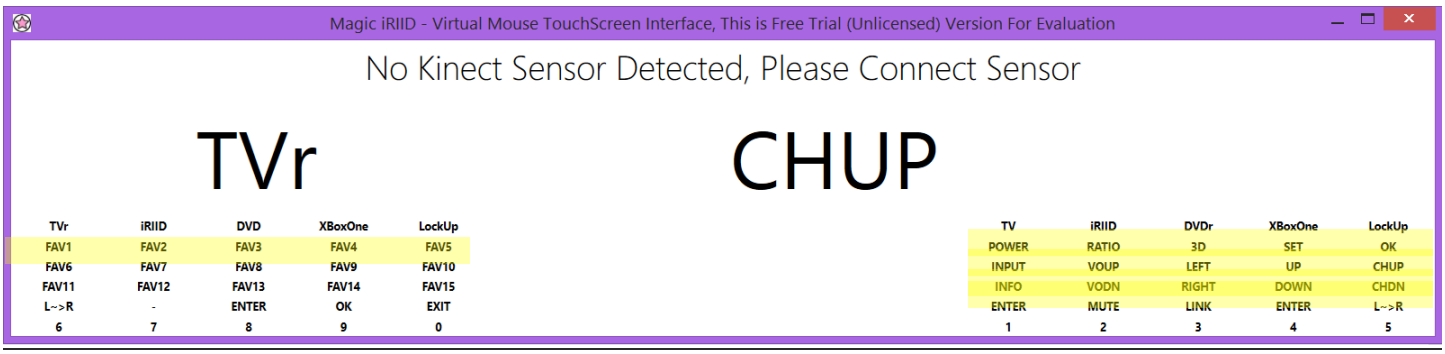
4th interface method: Virtual Remote controller Interface for electronics TV, DVD, Xbox One Screenshot


Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
Move Your Hands, Near In Front Of Your Shoulders, To Input Command
iRIID
Desktop
iRIID WinStart Desktop Setting LockUp
LeftMouseT6 LeftMouse25 TabletScreen WinFunction EasyOfAccess
QWERTY !@#$ 1234 ABCD FNKeys
WWTelescope Media Player PowerPoint Media Center Skype
I.E.Browser Firefox Chrome Games Apps
TV DVD XBoxOne Tutorial About
iRIID WinStart Desktop Setting LockUp
RightMouseT6 RightMouse25 TabletScreen WinFunction EasyOfAccess
QWERTY !@#$ 1234 ABCD FNKeys
WWTelescope Media Player PowerPoint Media Center Skype
I.E.Browser Firefox Chrome Games Apps
TVr DVDr XBoxOne Tutorial About

This is "iRIID" main interface window (Home) of all virtual interfaces


Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
TV
TVr
TV iRIID DVD XBoxOne LockUp
POWER RATIO 3D SET OK
INPUT VOUP LEFT UP CHUP
INFO VODN RIGHT DOWN CHDN
Enter MUTE LINK ENTER L<~R
1 2 3 4 5
TVr iRIID DVDr XBoxOne LockUp
FAV1 FAV2 FAV3 FAV4 FAV5
FAV6 FAV7 FAV8 FAV9 FAV10
FAV11 FAV12 FAV13 FAV14 FAV15
L<~R - ENTER OK EXIT
6 7 8 9 0

The is "TV" virtual remote controller interface window, Left Side TV remote controller keys


Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
TVr
CHUP
TVr iRIID DVD XBoxOne LockUp
FAV1 FAV2 FAV3 FAV4 FAV5
FAV6 FAV7 FAV8 FAV9 FAV10
FAV11 FAV12 FAV13 FAV14 FAV15
L~>R - ENTER OK EXIT
6 7 8 9 0
TV iRIID DVDr XBoxOne LockUp
POWER RATIO 3D SET OK
INPUT VOUP LEFT UP CHUP
INFO VODN RIGHT DOWN CHDN
ENTER MUTE LINK ENTER L~>R
1 2 3 4 5

The is "TVr" virtual remote controller interface window, Right Side TV remote controller keys

Please Noted: To Setup TV, DVD, Xbox One interface configuration:

User must already have USB-UIRT cable and familiar with 3rd party software like EventGhost.

Magic iRIID only provide virtual remote controller key interface, No Remote Controller (IR) Signal. User must have USB-UIRT and remote controller TV, DVD, Xbox One and able to use software like EventGhost to record IR signal to event trigger action. **For easier setup, the sample of EventGhost script for TV, DVD, Xbox One has provided without IR signal code. The event trigger names in sample script should not be changed. User can use EventGhost to open the sample script and save IR signal to the event trigger for each action.**

Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
DVD
DVDr
DVD iRIID TV XBoxOne LockUp
POWER LINK SET 3D OPEN
RATIO PLAY PAUSE STOP OK
|<< << >> >>| ENTER
MUTE VOUP UP LEFT INFO
INPUT VODN DOWN RIGHT L<~R
DVDr iRIID TVr XBoxOne LockUp
AUDIO SHUFFLE SUBTITLE REPEAT CLEAR
TIME A->B DISPLAY TITLE MENU
TRIANGLE SQUARE CIRCLE CROSS ENTER
STAR VOUP UP LEFT RETURN
L~>R VODN DOWN RIGHT SELECT

The is “DVD” virtual remote controller interface window, Left Side DVD remote controller keys

Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
DVDr
Play
DVDr iRIID TV XBoxOne LockUp
AUDIO SHUFFLE SUBTITLE REPEAT CLEAR
TIME A->B DISPLAY TITLE MENU
TRIANGLE SQUARE CIRCLE CROSS ENTER
STAR VOUP UP LEFT RETURN
L~>R VODN DOWN RIGHT SELECT
DVD iRIID TVr XBoxOne LockUp
POWER LINK SET 3D OPEN
RATIO PLAY PAUSE STOP OK
|<< << >> >>| ENTER
MUTE VOUP UP LEFT INFO
INPUT VODN DOWN RIGHT L~>R

The is “DVDr” virtual remote controller interface window, Right Side DVD remote controller keys

Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
XBoxOne
Home
XBoxOne iRIID TV DVD LockUp
Home TVon TVoff Menu Select
Back Up Down Left Right
OneGuide VolUp VolDn CHUP CHDN
Mute Rewind Play Pause FForward
PowerOn Previous Stop Next View
XBoxOne iRIID TVr DVDr LockUp
Home TVon TVoff Menu Select
Back Up Down Left Right
OneGuide VolUp VolDn CHUP CHDN
Mute Rewind Play Pause FForward
PowerOff Previous Stop Next View

The is “Xbox One” virtual remote controller interface window, Xbox One remote controller keys

How to Setup Virtual Remote Controller Interface using USB-UIRT and EventGhost program.

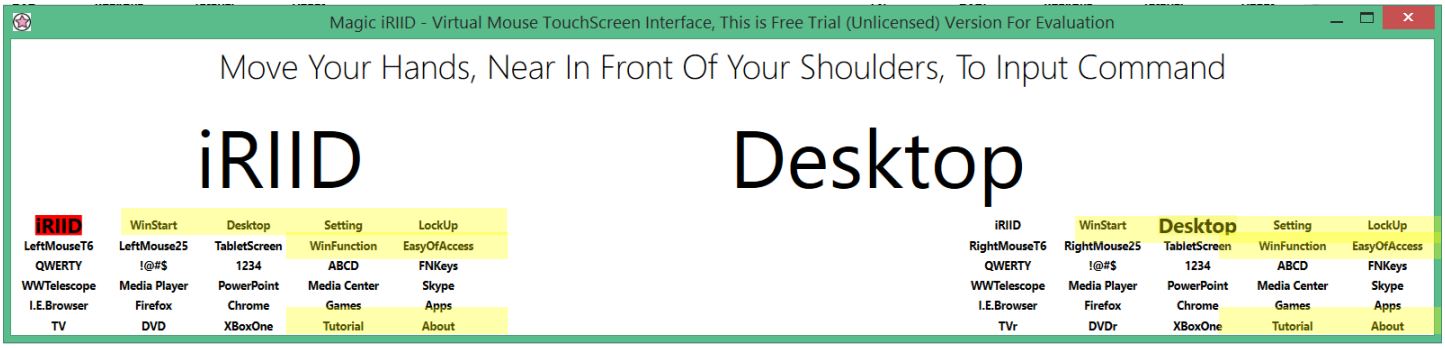
When success to installed USB-UIRT cable to EventGhost program, and then open the provide sample script, have your remote controller ready and save remote controller (IR) signal to the trigger event actions, click “Test” to send out (IR) signal to see if working, example “POWER” TV On/OFF or “CHUP” channel up.

Then keep the EventGhost program run in laptop, and access Magic iRIID to “TV” virtual interface, click the same virtual keys “POWER”, or “CHUP” to test if you can control TV with gesture command.

After confirm works, then save all other TV, DVD, Xbox One remote controller (IR) signal to the provide script trigger event actions. Remember to save script each time, when you have success (IR) signal record to action!

Additional Magic iRIID Interface Windows:

Windows 8.1 Operation System Function Keys Interface

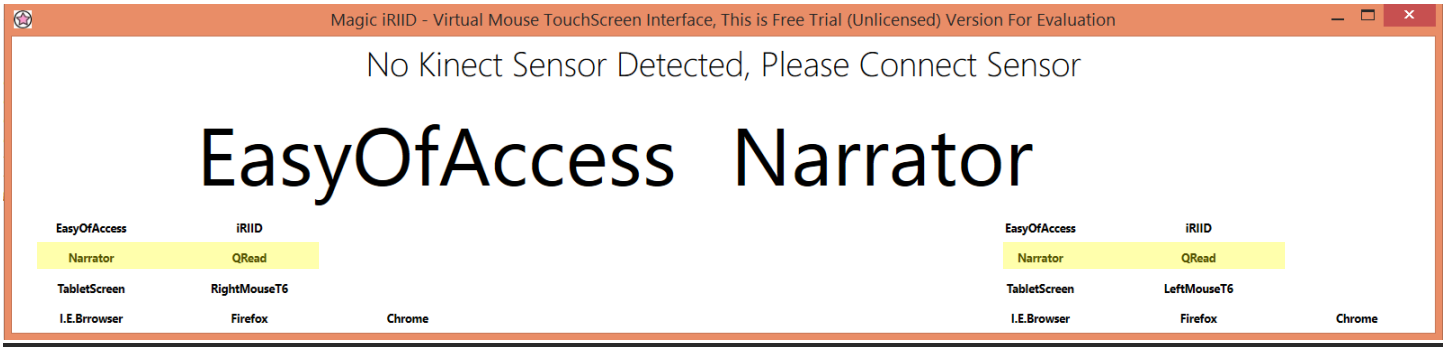

Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
Move Your Hands, Near In Front Of Your Shoulders, To Input Command
iRIID
Desktop
iRIID WinStart Desktop Setting LockUp
LeftMouseT6 LeftMouse25 TabletScreen WinFunction EasyOfAccess
QWERTY !@#$ 1234 ABCD FNKeys
WWTelescope Media Player PowerPoint Media Center Skype
I.E.Browser Firefox Chrome Games Apps
TV DVD XBoxOne Tutorial About
iRIID WinStart Desktop Setting LockUp
RightMouseT6 RightMouse25 TabletScreen WinFunction EasyOfAccess
QWERTY !@#$ 1234 ABCD FNKeys
WWTelescope Media Player PowerPoint Media Center Skype
I.E.Browser Firefox Chrome Games Apps
TVr DVDr XBoxOne Tutorial About

This is “iRIID” main interface window (Home) of all virtual interfaces,
To switch Windows Start and Desktop, Click “WinStart”, “Desktop”

Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
WinFunction
WindowsX
WinFunction iRIID TabletScreen
WinStart OpenExplorer AddressBar RunWindow
Projection DevicePanel ZoomIn ZoomOut
Up Down Left Right
QWERTY LockUp MaxView Close
SearchApp SearchFile SharePanel CharmsPanel
SettingPanel ScreenShots PropertyInfo WindowsX
Tab Shift+Tab Enter Enter

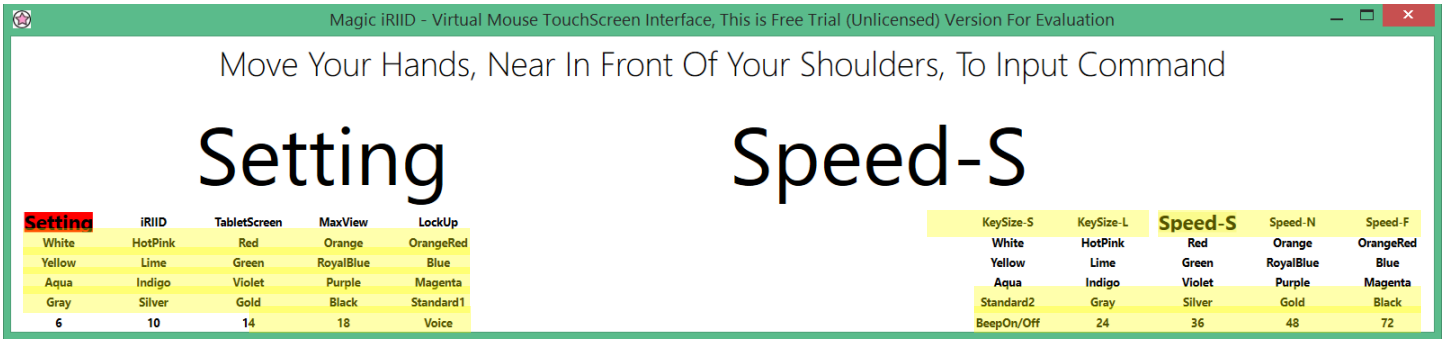
The is “WinFunction” virtual interface window, Windows 8.1 function keys

Easy Of Access Interface



The is “EasyOfAccess” virtual interface window, enable Windows 8.1 Narrator On/Off key

Magic iRIID Customized Setting, LockUp, Tutorial, and About iRIID Interface


Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
Move Your Hands, Near In Front Of Your Shoulders, To Input Command
Setting
Speed-S
Setting iRIID TabletScreen MaxView LockUp
White HotPink Red Orange OrangeRed
Yellow Lime Green RoyalBlue Blue
Aqua Indigo Violet Purple Magenta
Gray Silver Gold Black Standard1
6 10 14 18 Voice
KeySize-S KeySize-L Speed-S Speed-N Speed-F
White HotPink Red Orange OrangeRed
Yellow Lime Green RoyalBlue Blue
Aqua Indigo Violet Purple Magenta
Standard2 Gray Silver Gold Black
BeepOn/Off 24 36 48 72

The is “Setting” virtual interface window, To change Keyboard size click “KeySize-S”, “KeySize-L”
To change Vision reading speed click “Speed-S”, “Speed-N”, “Speed-F”
To change Magic iRIID Window background color click on the Left Side Color.
To Change Magic iRIID Window font color click on the Right Side Color
To change Magic iRIID Window font size click on the Left Side 6, 10, 14, and 18
To Change Magic iRIID Window size click the Right Side 24, 36, 48, and 72
To Turn Voice feedback On/Off click “Voice”

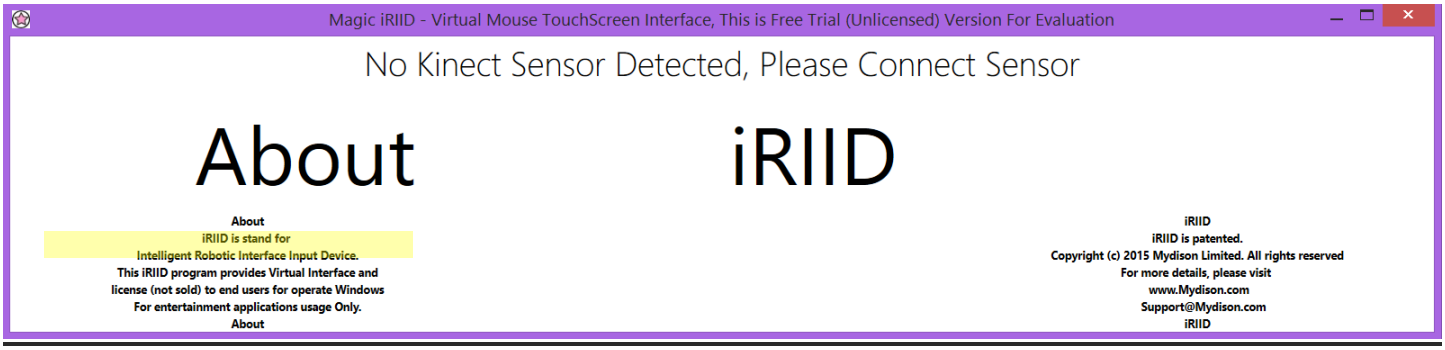
The is “LockUp” virtual interface window,

1. To control gesture access
   Click “LockUp” from “iRIID” main window
   Click Numbers 0-9 and click “enter” to set password.
   Click “Erase” to correct enter password.
   Password cannot be changed.
   Type correct password and click “Enter” to grand access to “iRIID” window
   Close Magic iRIID program and reopen will unlock password protection.

2. To prevent unintentional input
   Click “LockUp” from any other app interface, will create shortcut on top line, without password.

Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
Tutorial
iRIID
Two keyboards build on Virtual WorkZone, This is Left side virtual keybaord
1st Method, move hands Up, Down, left and Right to read all virtual keys
2nd HandSign (Grab&Hold),do Hammer, Boxing, Rotate Fishing Gear actions repeat enter
3rd skill, Using Magic iriid Touch Screen reading whole display screen information
4th skill, Driving mouse pointer position, Touch screen interface build with Mouse control
Touch screen interface divided the display monitor screen to 6, 25. 40 area positions
For Unsight user, Easy Of Access, use with ScreenReader read particular information
This is right hand side virtual keyboard interface
When hands touch virtual keys interface, iriid will voice feedback, push hand to click key
Magic iriid will tell you which key position and virtual key command that you hold on
Magic iriid build virtual touch screen areas to let you setting mouse position on screen
click Mouse key move Pointer Up, Down, Left, Right, 45, 135, 225, 315 degree direction
You are Ready explore Magic iriid, 1st mission, click iRIID key, and click Left/RightTouch

The is “Tutorial” virtual interface window,


Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
About
iRIID
About
iRIID is stand for
Intelligent Robotic Interface Input Device.
This iRIID program provides Virtual Interface and
license (not sold) to end users for operate Windows
For entertainment applications usage Only.
About
iRIID
iRIID is patented.
Copyright (c) 2015 Mydison Limited. All rights reserved
For more details, please visit
www.Mydison.com
Support@Mydison.com
iRIID

The is “About” virtual interface window,

Detail Setup Magic iRIID Games Interface Steps:

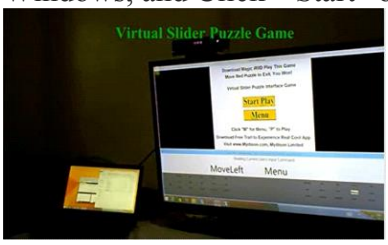
Install Magic iRIID Games:
Download **Gold Coin Game**: https://www.Mydison.com/Files/GC/setup.exe
Download **Space Sweep Game**: https://www.Mydison.com/Files/SS/setup.exe
Download **Slot Machine Game**: https://www.Mydison.com/Files/SM/setup.exe
Download **Slider Puzzle Game**: https://www.Mydison.com/Files/SP/setup.exe
Download **Space Keyboard Game**: https://www.Mydison.com/Files/SK/setup.exe

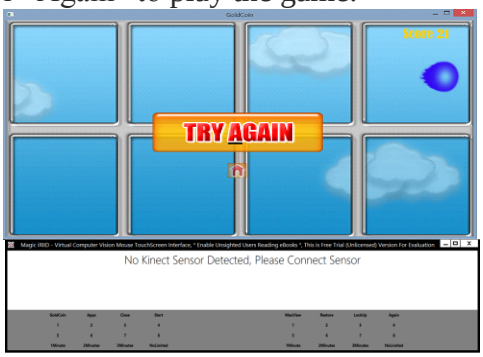
Connect computer with Big Screen TV.
Set Big Screen TV as Primary Displayer and Computer Monitor as 2nd Displayer.
Step 1: Prepare your computer for Magic iRIID Games to be ready for Magic iRIID For Marketing App program.
Step 2: Open & Move Game shows on Big Screen TV, and adjust size for Upper screen section.
Step 3: Open Magic iRIID, Move Magic iRIID Program show on Big Screen TV and adjust Magic iRIID main windows size for the bottom screen section.

Step 4: When you move hands, Magic iRIID will display visual feedback on the monitor/displayer. On "iRIID" main windows, you can see which keys that you have selected on. Move the highlight selection to "Apps" and push hands to click.

Magic iRIID will create Games & Apps Virtual Keyboard for you.
On the Virtual Apps Keyboard, it will list all Magic iRIID Games on the menu, and move hands which game that you want to play. "Gold Coin", "Space Sweep", "Slot Machine". "Slider Puzzle" and "Space Keyboard". You are ready to control Magic iRIID Games.

Step 5: Click "Menu" virtual key for Game user instructions, and click "Home" to go back to game Start Windows, and Click "Start" or "Again" to play the game.





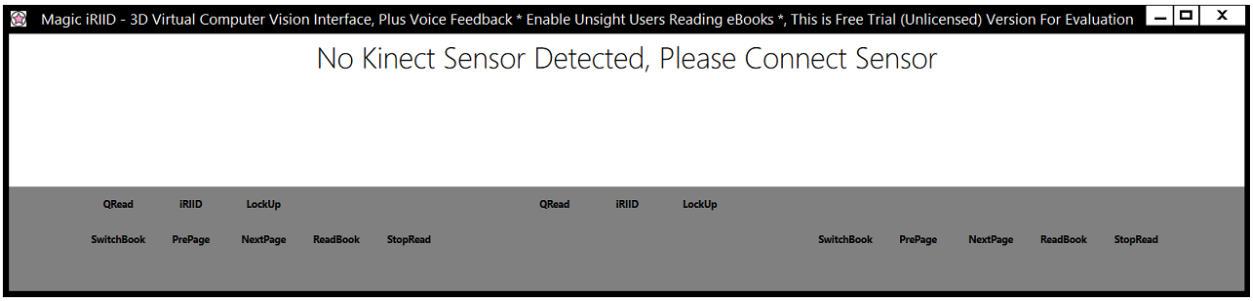
Step6. Click "LockUp" for temporary lock the gesture input, and click game to back to game's virtual keyboard window to continue to play.

Detail Setup eBook Reading Virtual Interface Steps:

For example, Magic iRIID App create virtual interface for QRead eBook reading program.

You need to install QRead program, and have already load eBooks to QRead program.

When user clicks any key on QRead virtual interface screen, Magic iRIID will open QRead program.



User can click “SwitchBook” key to browser opened books. Click “PrePage” and “Nextpage” keys to navigate the book pages view. Click “ReadBook” and “StopRead” for reading the eBook.

While listening eBook, can Click “LockUp” for temporary lock the gesture input, click “QRead” key on top to back to QRead’s virtual keyboard window to continue.

Move hands on virtual keys, Magic iRIID will tell which keys are selected.

Use Hand Grab and Hold input action, Magic iRIID will tell the key position and command key name.
So, users can know which key that holds it, and sure way to enter command to control eBook reading program.

Magic iRIID enable unsighted users to control computer and listening eBook content and learn new knowledge.

Detail Setup Media Player Virtual Interface Steps:

Connect computer with Big Screen TV.
Set Big Screen TV as Primary Displayer and Computer Monitor as 2nd Displayer.

Step 1: Prepare your computer for Media Center, Media Player to be ready for Magic iRIID program.

Step 2: To add songs, videos, pictures to create and add in Library for Media Center, Media Playlist and ready to play.

Step 3: Open Magic iRIID, Click virtual key "iRIID", to show iRIID Main Application Window to select Application.

*Move the open Media Player show on Big Screen TV.
*Move Magic iRIID Program show on computer monitor.

When you move hands, Magic iRIID will display visual feedback on the monitor/displayer.
You can see which keys that you have selected on.
Move the highlight selection to "Media Player" and push hands to click,

Magic iRIID will create Media Player Virtual Keyboard for you.
On the Virtual Media Player Keyboard, move hands to select key commands.
If Magic iRIID visual feedback not respond hand moving selection well,

A. User can switch hand to select (Left & Right both virtual keyboard)
B. Put down hands to disengagement and raise hands to engage again.
C. Move stand position or walk little bit to change position.
D. If close Magic iRIID and open again, program will reset all original setting.

Here are the steps to show How to select Playlist Library.
Step 1: Click Virtual "Playlists" key, Magic iRIID will control Media Player program and set select on Playlist on the Left windows to list all the playlist in the library.

Step 2: Click Virtual "Up, Down" Key to Select on playlist you have created, then Click Virtual "Tab" key, Magic iRIID will move to the Right to select on song item on the right window.

Step 3: To navigation, click "Up, Down, Left, Right" keys to select song item and **Click "Enter" key to play**

Step 4: To control song while playing, Click "Play/Pause" key to play/pause song.
Click "Next" key to Next song.
Click "Previous" key to play previous song.
Click "Stop" key to End song.
Click "Rewind" key to Rewind song.
Click "Forward" key to Fast Forward song.
Click "Shuffle" key to turn Shuffle ON/OFF.
Click "Repeat" key to turn Repeat ON/OFF.
Step 5: Same way to play Video, Picture file.

Step 6: Advance search functions:

Step 7: Click "Search" key to enter name (type 123 ... abc...etc.) in "Search" field" and click “Enter" key. If have items match with search, it will automatic display on right window.

Step 8: To navigation, click "Up, Down, Left, Right" keys to select item and Click "Enter" key to play.

Step 9: If No item is matched with search, It display "There are no item matching...etc." message and un-Clickable, then **Click "ReSearch**" key to jump back to search field again.

Step 10: Click "BSpace" key to delete entered character in search field.

Step 11: Click "Exit key to close Windows Media Player program.

Step 12: Click "Hide/Show" key to display.

To Prevent Unintentional Click Input: Click LockUp Key to prevent unintentional gesture input during playing songs, watching video.

Example: When selected song to playing, and the click LockUp, Magic iRIID will display LockUp windows.

This will prevent unintentional click; therefore user can continue to do other thing they want to. If user want to control Magic iRIID again, then click virtual "Media Player" key, Magic iRIID will create Virtual Media Player Interface. User can control media player again.

The recommend How to use magic iRIID for more productive way:

Step 1: Have all the files you want to play ready and add in to library; therefore, you can click few virtual keys. to play the files you want to.

Step 2: With few click on Magic iRIID, Once play the song, video file,

Step 3: click LockUp, You can do other work and Enjoy the entertainment.

Simple steps as 1-2-3.

All other program applications control is similar with operation method above.

Detail Setup PowerPoint Virtual Interface Steps:

Connect computer with Big Screen TV.
Set Big Screen TV as Primary Displayer and Computer Monitor as 2nd Displayer.
Step 1: Prepare your computer for PoerPoint to be ready for Magic iRIID program.
Step 2: Move PowerPoint presentation file to Big Screen TV and open the presentation view shows on Big Screen TV.
Step 3: Open Magic iRIID, Move Magic iRIID Program show on computer monitor and adjust Magic iRIID main windows size.
Step 4: When you move hands, Magic iRIID will display visual feedback on the monitor/displayer. You can see which keys that you have selected on. Move the highlight selection to "PowerPoint" and push hands to click,

Magic iRIID will create PowerPoint Virtual Keyboard for you.
On the Virtual PowerPoint Keyboard, move hands to select key commands.

You are ready to control your PowerPoint presentation views.

Step 5. Click "Show" virtual key to start PowerPoint presentation, and click "Enter" or "Next Slide", or "UP", "Down", "Left", "Right" to make presentation.

Step 6. Click "Tab" to select media video, Click "Enter", "Play", "Stop" to control media video

Step 7. Click "LockUp" for temporary lock the gesture input, and click "PowerPoint" to back "PowerPoint" virtual keyboard window to continue presentation.

Magic iRIID - Virtual Mouse TouchScreen Interface, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
PowerPoint
NextSlide
PowerPoint Show ESC V1 V11 LBPress Up
iRIID PreSlide Tab V2 V12 LBRelease Down
NextSlide Shift+Tab V3 V13 LBClick Left
TabletScreen BlackScreen 1stSlide V4 V14 DoubleClick Right
LockUp WhiteScreen ShowCurrent V5 V15 RBClick Enter
QWERTY PreSlide Tab V6 V16 315 225
!@#$ NextSlide Shift+Tab V7 V17 MoveUp MoveLeft
Restore VolUp Stop V8 V18 MoveRight MoveDown
MaxView Mute Play/Pause V9 V19 45 135
Close VolDown Enter V10 V20 BigMove SmallMove

PowerPoint using Hand-Sign Input Example:

Magic iRIID has Hand-Sign function (You can hand grab action to hold virtual key)

Once you hold the virtual key, "NextSlide" you can swing the hand in directions to enter same key.

This Magic iRIID Hand-Sign Input function is useful for repeating click on the same key, such as for Power Point presentation functions.

Magic iRIID total tracking, User allow to move, walk or sit within sensor camera view.

Detail Setup Skype Virtual Phone Interface Steps:

Connect computer with Big Screen TV.
Set Big Screen TV as Primary Displayer and Computer Monitor as 2nd Displayer.

Step 1: Prepare your computer for Skype Desktop Program to be ready for Magic iRIID Virtual Phone Interface program.

This App is designed and tested for Skype for Desktop program v 7.5.0.102.

Important!
Please follow the enable the Skype program HOTKEY features with specific Key settings..

Open Skype program, Click Tools on menu bar, Click "Options", Click "Advanced", Click "Hotkeys", Checked "Enable keyboard shortcuts", Checked Active, Double click on each active and Set up the Hotkeys as follow, and Click "Save" button.

Hotkeys Setting:

A. Click "HangUp" (Alt+PdGn)
B. Click "AnserCall" (Alt+ PgUp)
C. Click "AnserVideoCall" (Ctrl+Alt+PgUp)
D. Click "IgnoreCall" (Ctrl+Alt+Shift+I)
E. Click "Decline" (Ctrl+Alt+PgDn)
F. Click "Focus" (Ctrl+Alt+Shift+F)
G. Click "SearchPeople" (Ctrl+Alt+Shift+S)
H. Click "Mute" (Ctrl+Alt+Shift+M)

Step 2: To open Skype account and login, have add other Skype user in the contact list.

Step 3: Move Skype program to show on big TV screen.

Step 4: Open Magic iRIID Virtual Phone Interface program,
*Move Magic iRIID Virtual Phone Interface Program show on computer monitor.

When you move hands, Magic iRIID Virtual Interface App will display visual feedback on the monitor/displayer. You can see which keys that you have selected on.

Step 5: Click virtual key "iRIID", to show iRIID Main Application Window to select “Skype”.

Move the highlight selection to “Skype” and push hands to click,

Magic iRIID Virtual Phone Interface will create Virtual Skype Keyboard for you.
On the Virtual Skype Keyboard, move hands to select key commands.
There are two ways to make calls.
1. by click "CallPhone" to call phone number.
2. by click "Search" to search Contact List and send Text, SMS, make phone call to other Skype user.

Step 6: In "iRIID" window, If click “Skype” by Left hand, It will display “CallPhone” windows shows Numbers 0-9 windows for enter telephone to call. 9. You will noticed that Skype program is in Call Phone mode, and ready to be enter telephone number, You click the numbers to enter proper telephone number format: +Country Code, Area Code, and Telephone number. Example: for Canada and area code 905, phone number: 7300189 the telephone number correct format is +19057300189, and then click virtual key "Enter" to make call.

And Click “HangUp” to disconnect phone call.

Step 7: In “iRIID” Windows, if click “Skype” by Right hand, it will display "Skype" virtual command keys window.

Step 8: To test the 2nd way, click the virtual key "Search", the main window will display the “Search” window with virtual keys that help to search the first character 0-9, a-z from Contact list. You can select any first character that Skype user name in your contact list.

Step 9: Example: if you have Skype user name: Mydison save in the contact list. When you click "M-”, the Skype program will search, and show list included Mydison in contact list.

Step 10: You can click "Down" key to highlight Mydison and then click "Select" key. The Skype program will show Mydison info on the Right side of window.

Step 11: To test send text message, Click "SendText" key to show 0-9, a-z keys to type message and click "Enter" to send message.

Step 12: To test send SMS message, Click "SendSMS" key to show 0-9, a-z keys to type message and click "Enter" to send message.

In order Send SMS to work with other Skype user, you need to have save the telephone number of the user and have presetting it ready to use Mobile SMS for that user in Skype programmed.

When click "SendSMS", Skype program will know and ready to display a mobile icon, and you can type as same as text message and click "Enter" to send the SMS message to Skype user mobile phone.

Step 13: There is "EasySP" included most use Skype commands in1 windows for convenience can quickly to operate Skype.

Step 14: There is “LockUp” key in windows; user can click the LockUp key to temporary lock gesture input.

To Prevent Unintentional Click Input: Click LockUp Key to prevent unintentional gesture input during other business actives.
Example: When selecting “AnswerCall”, and by clicking on LockUp, Magic iRIID will display LockUp windows. This will prevent unintentional click; therefore user can continue to do other thing they want to. If user wants to control Skype again, then by clicking virtual "Skype” key, Magic iRIID Virtual Phone Interface will create Virtual Phone Interface. User can control Skype again.

Step 15: There other virtual keys and additional personalize window features are perform the similar way.

The recommend How to use Magic iRIID Virtual Phone Interface App for more productive way:

Step 1: Have all the users you call often ready and add in to Contact list; therefore, you can click few virtual keys to make call and send messages.
Step 2: When received phone call, video call, during the conversation.
Step 3: click "LockUp", You can do other work and Enjoy.
All other program applications control is similar with operation method above.

Hand-Sign Input Example:

Magic iRIID Virtual Phone Interface has Hand-Sign function

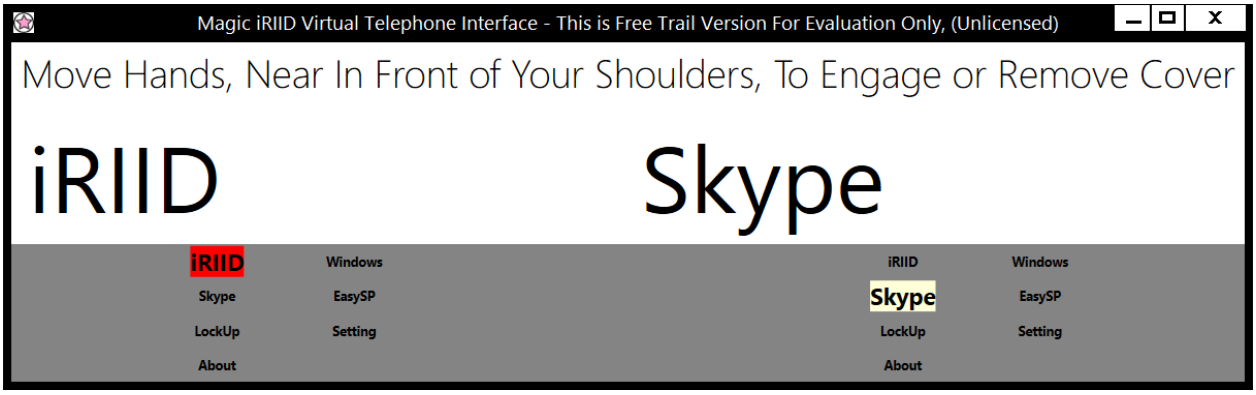
(You can hand grab action to hold virtual key)

Once you hold the virtual key, you can swing the hand in directions to enter same key repeatly.

This Magic iRIID Hand-Sign Input function is useful for repeating click on the same key, such as for search users in contact list, click "Down" keys or "Up" key, several times with easy hammer actions.

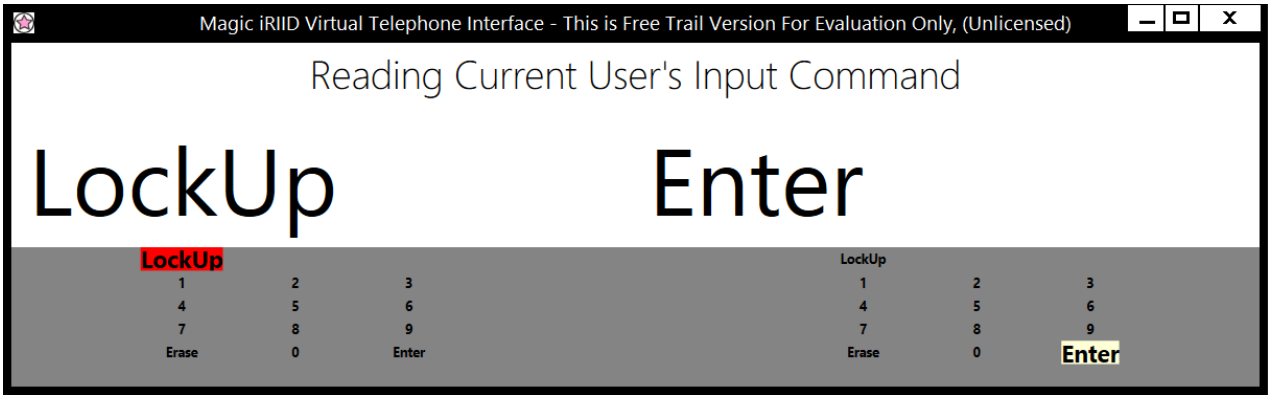
Magic iRIID total tracking, User allow to move, walk or sit within sensor camera view.

Screenshots: Here are the Magic iRIID virtual phone interface windows lists:



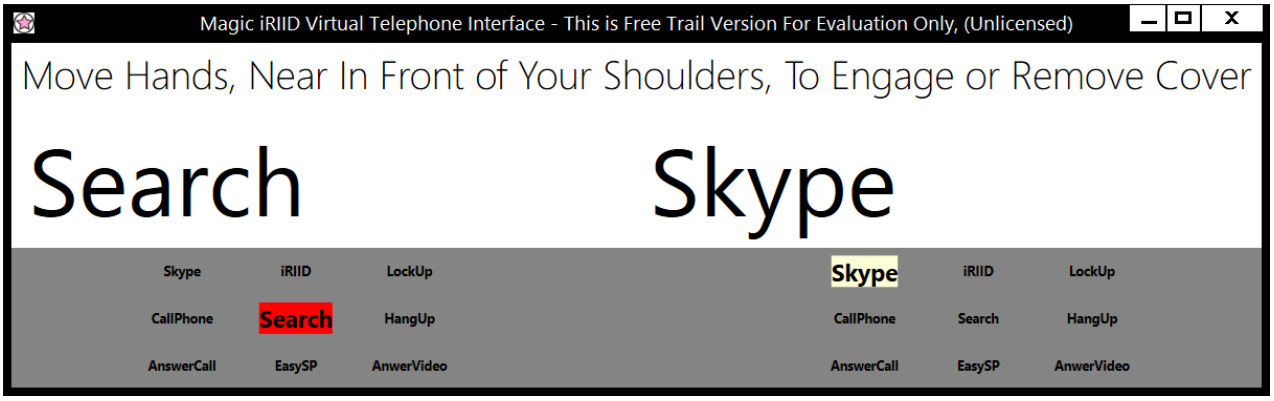
iRIID Main Application Selection Windows

Virtual Skype Keyboard Windows – **1st call method "CallPhone"**


Magic iRIID Virtual Telephone Interface - This is Free Trail Version For Evaluation Only, (Unlicensed)
Reading Current User's Input Command
LockUp
Enter
LockUp 1 2 3 4 5 6 7 8 9 Erase 0 Enter
LockUp 1 2 3 4 5 6 7 8 9 Erase 0 Enter

LockUp Virtual Password Setup Windows. **When click "LockUp" direct from "iRIID" windows, it will lock input access with password.**

If click "LockUp" from application like Skype, it will allow user to click "Skype" on top to go back without having password restriction.


Magic iRIID Virtual Telephone Interface - This is Free Trail Version For Evaluation Only, (Unlicensed)
Move Hands, Near In Front of Your Shoulders, To Engage or Remove Cover
Search
Skype
Skype iRIID LockUp CallPhone Search HangUp AnswerCall EasySP AnwerVideo
Skype iRIID LockUp CallPhone Search HangUp AnswerCall EasySP AnwerVideo

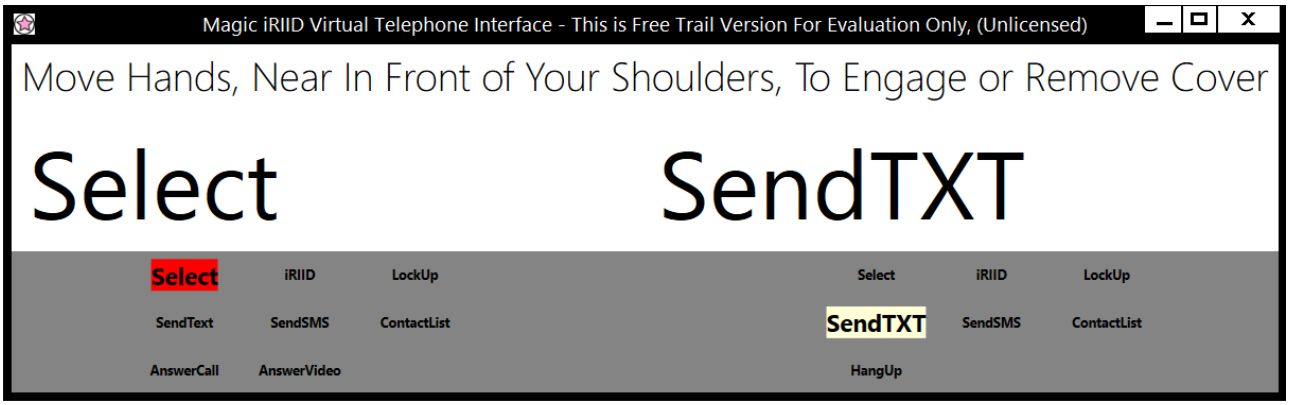
Virtual Skype Keyboard Windows – **2nd call method "Search" Contact list**

Magic iRIID Virtual Telephone Interface - This is Free Trail Version For Evaluation Only, (Unlicensed)
Move Hands, Near In Front of Your Shoulders, To Engage or Remove Cover
M-
Search
Search Skype iRIID LockUp
1- 2- 3- 4- 5-
A- B- C- D- E-
K- L- M- N- O-
U- V- W- X- Y-
Search Skype iRIID LockUp
6- 7- 8- 9- 0-
F- G- H- I- J-
P- Q- R- S- T-
Z-

Search Virtual Keyboard Windows – click any keys to search Contact List

Magic iRIID Virtual Telephone Interface - This is Free Trail Version For Evaluation Only, (Unlicensed)
Move Hands, Near In Front of Your Shoulders, To Engage or Remove Cover
Select
ContactList
ContactList iRIID Search LockUp
Up Down Select
AnswerCall AnswerVideo
ContactList iRIID Search LockUp
Up Down Select
BSpace HangUp

ContactList Virtual Keyboard Windows – Once search key clicked, can click "UP", "Down" and "Select" key on user list.


Magic iRIID Virtual Telephone Interface - This is Free Trail Version For Evaluation Only, (Unlicensed)
Move Hands, Near In Front of Your Shoulders, To Engage or Remove Cover
Select
SendTXT
Select iRIID LockUp
SendText SendSMS ContactList
AnswerCall AnswerVideo
Select iRIID LockUp
SendTXT SendSMS ContactList
HangUp

Search Virtual Keyboard Windows – Click "SendText", "SendSMS" to the selected Skype user.

Magic iRIID Virtual Telephone Interface - This is Free Trail Version For Evaluation Only, (Unlicensed)
Move Hands, Near In Front of Your Shoulders, To Engage or Remove Cover
SendText
BSpace
endTex iRIID Search AnswerCall ContactList
1 2 3 4 5
Q W E R T
A S D F G
Z X C V B
Tab Shift+Tab @ : Space
HangUp Skype CallPhone SendSMS LockUp
6 7 8 9 0
Y U I O P
H J K L Enter
N M , . ?
Up Down Left Right BSpace

SendText Virtual Keyboard Windows – Click 0-9, a-z to type message; click "Enter" to send.

Magic iRIID Virtual Telephone Interface - This is Free Trail Version For Evaluation Only, (Unlicensed)
Move Hands, Near In Front of Your Shoulders, To Engage or Remove Cover
SendSMS M
endSM iRIID AnswerCall Search ContactList HangUp Skype CallPhone ContactList LockUp
1 2 3 4 5 6 7 8 9 0
Q W E R T Y U I O P
A S D F G H J K L Enter
Z X C V B N M , . ?
Tab Shift+Tab @ : Space Up Down Left Right BSpace

SendSMS Virtual Keyboard Windows – Click 0-9, a-z to type message; click “Enter” to send.

For additional Magic iRIID interfaces:
Detail Setup steps for
World Wide Telescope (WWT),
Media Center,
IE.Browser,
Firefox,
Chrome
Interface and input operations are same as method mentioned above.

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